This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original): A liquid-crystalline medium, comprising two or more liquid crystal compounds wheren at least one compound is of formula I

$$R^a \longrightarrow H \longrightarrow O \longrightarrow H \longrightarrow R^b$$

wherein

R^a is an alkenyl group having from 2 to 9 carbon atoms,

R^b is an alkyl group having 1 to 12 carbon atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, and wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -S-, — , -CH=CH-, -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another,

L is, in each occurrence independently, F, Cl, CN or an optionally mono- or polyhalogenated alkyl, alkoxy, alkenyl or alkenyloxy group having up to 3 carbon atoms, and

r is 0, 1, 2, 3 or 4.

Claim 2 (original): A liquid-crystalline medium according to claim 1, wherein said medium comprises at least one compound of formula I in which the phenyl ring is substituted by L in 2- and 3-position or in 3- and 5-position or in 2- and 6-position, and/or R^b is alkenyl with 2 to 9 carbon atoms.

Claim 3 (currently amended): A liquid-crystalline medium according to claim 1 or-2, wherein said medium comprises at least one compound of formula I wherein L is F, CI, CN, CF₃, OCF₃ or OCH₃.

Claim 4 (currently amended): A liquid-crystalline medium according to at least one of claims 1 to 3 claim 1, wherein said medium comprises at least one compound of formula I selected from the following formulae

$$R^{aa}$$
 H O H R^{bb} Ia

$$R^{aa}$$
 H
 O
 H
 R^{bb}
 Ib

$$R^{aa}$$
 H O H R^{bb} Ic

$$R^{aa}$$
 H O H alkyl

wherein R^{aa} and R^{bb} are independently of each other H, CH_3 , C_2H_5 or n- C_3H_7 and alkyl is an alkyl group with 1 to 8 carbon atoms.

Claim 5 (currently amended): A liquid-crystalline medium according to at least

one of claims 1 to 4 claim 1, wherein said medium comprises at least one compound of formula II

$$R^3$$
 H A O A II

in which

A is 1,4-phenylene or trans-1,4-cyclohexylene,

a is 0 or 1,

R³ is an alkenyl group having from 2 to 9 carbon atoms, and

is an alkyl group having 1 to 12 carbon atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, and wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -S-, -CH=CH-, -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another.

Claim 6 (currently amended): A liquid-crystalline medium according to at least one of claims 1 to 5 claim 1, wherein said medium comprises at least one compound of formula II*

$$R^3$$
 H H O $Q-Y$ II^*

R³ is an alkenyl group with 2 to 7 carbon atoms,

Q is CF₂, OCF₂, CFH, OCFH or a single bond,

Y is F or Cl, and

L¹ and L² are independently of each other H or F.

Claim 7 (currently amended): A liquid-crystalline medium according to at least one of claims 1 to 5 claim 1, wherein said medium comprises at least one compound selected from the following formulae

$$R - H - CN$$
 IIIb

$$R - \underbrace{O - COO}_{COO} - \underbrace{O}_{L^2}^{L^1} CN$$
IIIc

$$R - \underbrace{H}_{COO} - \underbrace{O}_{COO} - \underbrace{O}_{CN}_{CN}$$
 IIIf

wherein

R is an alkyl, alkoxy or alkenyl group having from 1 to 12 carbon atoms, wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -CH=CH-, -CO-, -OCO- or

-COO- in such a way that O atoms are not linked directly to one another, and

L¹ and L² are independently of each other H or F.

Claim 8 (currently amended): A liquid-crystalline medium according to at least one of claims 1 to 7 claim 1, wherein said medium comprises at least one compound selected from the following formulae

wherein R^{3a} is H, CH_3 , C_2H_5 or n- C_3H_7 and alkyl is an alkyl group with 1 to 8 carbon atoms.

Claim 9 (currently amended): A liquid-crystalline medium according to at least one of claims 1 to 8 claim 1, wherein said medium comprises at least one compound selected from the following formulae

$$R^{1}$$
 O $C \equiv C$ O R^{2} Ta

$$R^{1}$$
 O $C \equiv C - O$ R^{2} Tb

$$R^1 \longrightarrow O \longrightarrow P$$
 Th

R¹ and R² are independently of each other an alkyl, alkoxy or alkenyl group having from 1 to 12 carbon atoms, wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -CH=CH-, -CO-, -OCO- or -COO- in such a way that O atoms are not linked directly to one another.

Claim 10 (currently amended): A liquid-crystalline medium according to at least one of claims 1 to 9 claim 1, wherein said medium comprises:

- one or more compounds of formula I;
- one or more compounds selected from formulae II,

$$R^3$$
 H A O R^4 H

in which

- A is 1,4-phenylene or trans-1,4-cyclohexylene,
- a is 0 or 1,
- R³ is an alkenyl group having from 2 to 9 carbon atoms, and

7

is an alkyl group having 1 to 12 carbon atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, and wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -S-, —, -CH=CH-, -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O-

in such a way that O atoms are not linked directly to one another;

optionally one or more compounds of formula II*,

$$R^3$$
 H O $Q-Y$ II^*

wherein

R³ is an alkenyl group with 2 to 7 carbon atoms,

Q is CF₂, OCF₂, CFH, OCFH or a single bond,

Y is F or Cl, and

L¹ and L² are independently of each other H or F;

- one or more compounds selected from formulae IIIa-IIIh,

$$R - \underbrace{O \qquad \qquad CN}_{L^2}$$

$$R \longrightarrow H \longrightarrow CN$$
 IIIb

$$R - O - COO - O - CN$$

$$L^{2}$$
IIIc

$$R - \left(\begin{array}{c} L^1 \\ O \\ L^2 \end{array} \right)$$
 IIId

$$R - CH_2CH_2 - CN$$

$$L^2$$
IIIe

$$R - \underbrace{H}_{\cdot} O - COO - \underbrace{O}_{L^2}^{L^1} CN$$
IIIf

$$R - O - O - CN$$

$$L^{1}$$

$$CN$$

$$L^{2}$$
IIIg

$$R - H - COO - CN$$

$$L^{1}$$

$$L^{2}$$
IIIh

- R is an alkyl, alkoxy or alkenyl group having from 1 to 12 carbon atoms, wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -CH=CH-, -CO-, -OCO- or -COO- in such a way that O atoms are not linked directly to one another, and
- L¹, L² and L³ are independently of each other H or F;
 - one or more compounds selected of formulae Ta-Ti,

$$R^{1}$$
 O $C \equiv C$ O R^{2} Ta

$$R^1 \longrightarrow C \equiv C \longrightarrow C \longrightarrow R^2$$
 Tb

$$R^{1}$$
 H $CH_{2}CH_{2}$ O $C \equiv C$ O R^{2} Tc

$$R^1 - COO - C \equiv C - O - R^2$$
 Td

$$R^1 \longrightarrow C \equiv C \longrightarrow C \longrightarrow R^2$$
 Tf

$$R^1$$
 H Z^4 O $C \equiv C$ O R^2 Tg

$$R^1 - O - O - R^2$$
 Th

$$R^{1}$$
 O $=$ O R^{2} C

R¹ and R² are independently of each other an alkyl, alkoxy or alkenyl group having from 1 to 12 carbon atoms, wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -CH=CH-, -CO-, -OCO- or -COO- in such a way that O atoms are not linked directly to one another,

Z⁴ is -CO-O-, -CH₂CH₂- or a single bond, and

L¹ to L⁶ are independently of each other H or F; and

optionally one or more compounds of formula IV24

$$R^1 \longrightarrow H \longrightarrow CH = CH \longrightarrow H \longrightarrow O \longrightarrow R^2$$
 IV24

R¹ and R²

are independently of each other an alkyl, alkoxy or alkenyl group having from 1 to 12 carbon atoms, wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -CH=CH-, -CO-, -OCO- or -COO- in such a way that O atoms are not linked directly to one another.

Claim 11 (currently amended): A liquid-crystalline medium according to at least one of claims 1 to 10 claim 1, wherein said medium comprises

- 5 to 30 % of compounds of formula I;
- 10 to 50 % of compounds selected from formula II and II*,

in which

- A is 1,4-phenylene or trans-1,4-cyclohexylene,
- a is 0 or 1,
- R³ in formula II is an alkenyl group having from 2 to 9 carbon atoms,
- R³ in formula II* is an alkenyl group with 2 to 7 carbon atoms,

R⁴ is an alkyl group having 1 to 12 carbon atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, and wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -S-, — , -CH=CH-, -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another,

Q is CF₂, OCF₂, CFH, OCFH or a single bond,

Y is F or CI, and

L¹ and L² are independently of each other H or F;

7 to 45 % of compounds selected formula Ta, Tb and Th,

$$R^{1}$$
 O $C \equiv C$ O R^{2} Ta

$$R^1 \longrightarrow C \equiv C \longrightarrow C \longrightarrow R^2$$
 Tb

$$R^1 \longrightarrow O \longrightarrow R^2$$
 Th

wherein

R¹ and R² are independently of each other an alkyl, alkoxy or alkenyl group

having from 1 to 12 carbon atoms, wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -CH=CH-, -CO-, -OCO- or -COO- in such a way that O atoms are not linked directly to one another;

- 2 to 25 % of compounds selected from formula IV24a and IV24b,

wherein R^{3a} is H, CH_3 , C_2H_5 or n- C_3H_7 and alkyl is an alkyl group with 1 to 8 carbon atoms; and

8 to 40 % of compounds selected from formulae IIIa to IIIh

$$R \xrightarrow{L^3} O \xrightarrow{L^1} CN$$
 Illa

$$R - \underbrace{H}_{C} CN$$
IIIb

$$R - \underbrace{O}_{\cdot} COO - \underbrace{O}_{\cdot} CN$$

$$IIIc$$

$$R - COO - CO - CN$$

$$L^{2}$$
IIId

$$R \longrightarrow H \longrightarrow CH_2CH_2 \longrightarrow O \longrightarrow CN$$

$$L^2$$
IIIe

$$R - H - O - COO - O - CN$$
 IIIf

$$R - O - O - CN$$

$$L^{1}$$

$$CN$$

$$L^{2}$$
IIIg

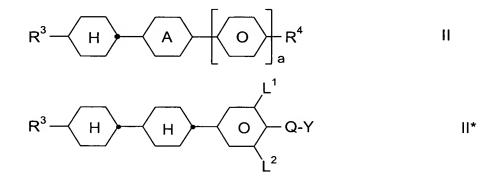
$$R - H - COO - O - CN$$
IIIh

- R is an alkyl, alkoxy or alkenyl group having from 1 to 12 carbon atoms, wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -CH=CH-, -CO-,
 - -OCO- or -COO- in such a way that O atoms are not linked directly to one another, and

L¹, L² and L³ are independently of each other H or F.

Claim 12 (currently amended): A liquid-crystalline medium according to at least one of claims 1 to 10 claim 1, wherein said medium comprises

- 6 to 20 % of compounds of formula I;
- 10 to 40 % of compounds selected from formula II and II*,



in which

A is 1,4-phenylene or trans-1,4-cyclohexylene,

a is 0 or 1,

R³ in formula II is an alkenyl group having from 2 to 9 carbon atoms,

R³ in formula II* is an alkenyl group with 2 to 7 carbon atoms,

is an alkyl group having 1 to 12 carbon atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, and wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -S-, — , -CH=CH-, -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another,

Q is CF₂, OCF₂, CFH, OCFH or a single bond,

Y is F or Cl, and

L¹ and L² are independently of each other H or F;

- 10 to 30 % of compounds selected formula Ta, Tb and Th,

$$R^{1}$$
 O $C \equiv C$ O R^{2} Ta

$$R^1 \longrightarrow O \longrightarrow P$$
 Th

- R¹ and R² are independently of each other an alkyl, alkoxy or alkenyl group having from 1 to 12 carbon atoms, wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -CH=CH-, -CO-, -OCO- or -COO- in such a way that O atoms are not linked directly to one another;
 - 3 to 20 % of compounds selected from formula IV24a and IV24b,

wherein R^{3a} is H, CH_3 , C_2H_5 or n- C_3H_7 and alkyl is an alkyl group with 1 to 8 carbon atoms;and

10 to 30 % of compounds selected from formulae IIIa to IIIh

$$R - \underbrace{O - CN}_{L^2}$$
 IIIa

$$R - O - COO - O - COO - O - COO -$$

$$R - \left(\begin{array}{c} L^1 \\ O \\ L^2 \end{array} \right)$$

$$R - \underbrace{H} - CH_2CH_2 - \underbrace{O} - CN$$
 IIIe

$$R - \left(\begin{array}{c} \\ \\ \\ \\ \\ \\ \end{array} \right) - COO - \left(\begin{array}{c} \\ \\ \\ \\ \\ \end{array} \right) - CN \qquad \qquad ||||f$$

$$R - O - O - CN$$
IIIg

$$R - H - COO - CN$$

$$L^{1}$$

$$L^{2}$$
IIIh

R is an alkyl, alkoxy or alkenyl group having from 1 to 12 carbon atoms, wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -CH=CH-, -CO-, -OCO- or -COO- in such a way that O atoms are not linked directly to one another, and

L¹, L² and L³ are independently of each other H or F.

Claim 13 (original): A liquid-crystalline compound of formula I

$$R^{a}$$
 H O H R^{b}

R^a is an alkenyl group having from 2 to 9 carbon atoms,

R^b is an alkyl group having 1 to 12 carbon atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, and wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -S-, — , -CH=CH-, -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another,

L is, in each occurrence independently, F, Cl, CN or a monoor polyhalogenated alkyl, alkoxy, alkenyl or alkenyloxy group having up to 3 carbon atoms, and

wherein the phenyl ring is substituted by L in 2- and 3-position or in 3- and 5-position or in 2- and 6-position, and/or R^b is alkenyl with 2 to 9 carbon atoms.

Claim 14 (original): A liquid-crystalline compound of formula I

- R^a is an alkenyl group having from 2 to 9 carbon atoms,
- R^b is an alkyl group having 1 to 12 carbon atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, and wherein one or more CH₂ groups are each, independently of one another, optionally replaced by -O-, -S-, —————, -CH=CH-, -C≡C-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another,

L is F, Cl, CN, CF₃, OCF₃ or OCH₃, and

r is 0, 1, 2, 3 or 4,

- Claim 15 (currently amended): An electro-optical liquid-crystal display containing a liquid-crystalline medium according to at least one of claims 1 to 12 claim 1.
- Claim 16 (currently amended): An electro-optical liquid-crystal display containing a liquid-crystalline compound according to at least one of claims 13 to 14 claim 13.

Claim 17 (currently amended): A TN or STN liquid-crystal display comprising:

- two outer plates, which, together with a frame, form a cell,
- a nematic liquid-crystal mixture of positive dielectric anisotropy located in the cell,
- electrode layers with alignment layers on the insides of the outer plates,
- a tilt angle between the longitudinal axis of the molecules at the surface of the outer plates and the outer plates of 0 to 30 degrees, and
- a twist angle of the liquid-crystal mixture in the cell from alignment

layer to alignment layer with a value of 22.5° - 600°, and a nematic liquid-crystal mixture comprising

- a) 15 75% by weight of a liquid-crystalline component A consisting of one or more compounds having a dielectric anisotropy of greater than +1.5;
- b) 25 85% by weight of a liquid-crystalline component B consisting of one or more compounds having a dielectric anisotropy of between -1.5 and +1.5;
- c) 0 20% by weight of a liquid-crystalline component D consisting of one or more compounds having a dielectric anisotropy of below -1.5, and
- d) if desired, an optically active component C in such an amount that the ratio between the layer thickness and the natural pitch of the chiral nematic liquid-crystal mixture is from about 0.2 to 1.3,

wherein said nematic liquid-crystal mixture is as defined in at least ene of claims 1 to 12 claim 1.